

# AVENTINE RENEWABLE ENERGY, INC.

1300 S. SECOND ST.  
PEKIN, IL 61554

## MATERIAL SAFETY DATA SHEET

NOTE: Read and understand Material Safety Data Sheet before handling or disposing of product.

### Material Safety Data Sheet:

May be used to comply with OSHA's Hazard Communication Standard  
29 CFR 1910.1200. Standard must be consulted for specific requirements.

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

### SECTION I - Product and Company Identification

#### MATERIAL IDENTITY

Product Name: Meal  
Product Code: 94028

Date Prepared: 06/01/2006

#### Manufacturer's Name and Address:

Aventine Renewable Energy, Inc.  
1300 South Second St.  
Pekin, IL 61554

#### Telephone Numbers:

-Chemtrec : (800) 424-9300  
-Company : (309) 347-9200

SECTION II - Hazardous Ingredients / Identity Information				
HAZARDOUS COMPONENTS (Specific Chemical identity: Common Name(s) )	OSHA PEL	ACGIH TLV	CAS NO.	% (optional)
No Hazardous Components:				
SECTION III - Physical/Chemical Characteristics				
Boiling Point	N.A.	Specific Gravity (H <sub>2</sub> O = 1)	N.A.	
Vapor Pressure (mm Hg.)	N.A.	Melting Point	N.A.	
Vapor Density (AIR = 1)	N.A.	Evaporation Rate (Butyl Acetate = 1)	N.A.	
Solubility in Water : Partially				
Appearance and Odor: Dry, fine grain, yellow powder.				
SECTION IV - Fire and Explosion Hazard Data				
Flash Point (Method Used) Non-Flammable	Auto ignition Temp: N.A.		Flammable Limits LEL: N.A.	In Air: UEL : N.A.
Extinguishing Media: Water if required.				
Special Fire Fighting Procedures: None				
Unusual Fire and Explosion Hazards: Airborne concentrations of dust greater than 20-grams/cubic meter combined with sources of ignition.				

N.A. = NOT APPLICABLE

N/A = NOT AVAILABLE

SECTION V - Reactivity Data			
Stability	Unstable		Conditions to Avoid: None
	Stable	X	
Incompatibility (Materials to Avoid): None			
Hazardous Decomposition or Byproducts: None			
Hazardous Polymerization	May Occur		Conditions to Avoid: None
	Will Not Occur	X	
SECTION VI - Health Hazard Data			
Route(s) of Entry :	Inhalation: Yes	Skin: No	Ingestion: Yes
Health Hazards: <u>Acute Effects of Overexposure</u> : Inhalation of high airborne concentrations of this material can result in congestion of the upper respiratory tract.			
<u>Chronic Effects of Overexposure</u> : No health hazards due to long term chronic exposure.			
Carcinogenicity :	NTP: No	IARC Monographs: No	OSHA Regulated: No
Signs and Symptoms of Exposure: Difficulty in breathing.			
Medical Conditions Generally Aggravated by Exposure: Congested upper respiratory tract could lead to increased difficulty in breathing and over exertion of the circulatory system.			
Emergency and First Aid Procedures: SKIN: None EYES: Immediately flush eyes with plenty of water for at least 15 minutes. INHALATION: Move exposed person to fresh air. If not breathing give artificial respiration. Get medical attention immediately. INGESTION: If swallowed do not induce vomiting. If vomiting occurs, keep head below waist level. Get medical attention immediately.			
SECTION VII - Precautions for Safe Handling and Use			
Steps to Be Taken in case Material is Released or Spilled : Contain and remove by mechanical means.			
Waste Disposal Method : Disposal must be in accordance with applicable Federal, State, or Local regulations.			
Precautions to Be Taken in Handling and Storing : Maintain sufficient ventilation to reduce high airborne dust concentrations. Keep all sources of ignition away from the storage area.			
Other Precautions : None			
SECTION VIII - Control Measures			
Respiratory Protection (Specify Type) : Air-purifying respirators with cartridges for dust and mists in environments of high airborne dust concentrations.			
Ventilation	Local Exhaust: For total airborne dust concentrations above 15 mg/m <sup>3</sup> .		
	Mechanical (General) : Yes	Other: N.A.	
Protective Gloves : None	Eye Protection : None		
Other Protective Clothing or Equipment : None			
Work/Hygienic Practices : Keep area free from all sources of heat and/or ignition.			

(Reproduced locally)

N.A. = NOT APPLICABLE

N/A = NOT AVAILABLE